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### 1 [The case for transient authentication](#)



[Brian D. Noble](#), [Mark D. Corner](#)

July 2002 EW10: Proceedings of the 10th workshop on ACM SIGOPS European workshop

**Publisher:** ACM

Full text available: Pdf (140.50 KB)

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**Bibliometrics:** Downloads (6 Weeks): 1, Downloads (12 Months): 20, Citation Count: 0

How does a machine know who is using it? Currently, systems assume that the user typing now is the same person who supplied a password days ago. Such *persistent authentication* is inappropriate for mobile and ubiquitous systems, because associations ...

### 2 [Securing passwords against dictionary attacks](#)



[Benny Pinkas](#), [Tomas Sander](#)

November 2002 CCS '02: Proceedings of the 9th ACM conference on Computer and communications security

**Publisher:** ACM

Full text available: Pdf (216.72 KB)

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The use of passwords is a major point of vulnerability in computer security, as passwords are often easy to guess by automated programs running dictionary attacks. Passwords remain the most widely used authentication method despite their well-known security ...

### 3 [Securing wireless data: system architecture challenges](#)



[Srivaths Ravi](#), [Anand Raghunathan](#), [Nachiketh Potlapally](#)

October 2002      ISSS '02: Proceedings of the 15th international symposium on System Synthesis

**Publisher:** ACM

Full text available: [Pdf](#) (172.35 KB)

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Security is critical to a wide range of current and future wireless data applications and services. This paper highlights the challenges posed by the need for security during system architecture design for wireless handsets, and provides an overview ...

Keywords: 3DES, AES, DES, IPSec, RSA, SSL, WTLS, decryption, design methodology, embedded system, encryption, handset, mobile computing, performance, platform, security, security processing, system architecture, wireless communications

### 4 [Commercial key recovery](#)



[Stephen T. Walker](#), [Steven B. Lipner](#), [Carl M. Ellison](#), [David M. Balenson](#)

March 1996      Communications of the ACM , Volume 39 Issue 3

**Publisher:** ACM

Full text available: [Pdf](#) (536.19 KB)

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**Bibliometrics:** Downloads (6 Weeks): 9, Downloads (12 Months): 49, Citation Count: 2

### 5 [Zero-interaction authentication](#)



[Mark D. Corner](#), [Brian D. Noble](#)

September 2002      MobiCom '02: Proceedings of the 8th annual international conference on Mobile computing and networking

**Publisher:** ACM

Full text available: [Pdf](#) (273.30 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 18, Downloads (12 Months): 157, Citation Count: 14

Laptops are vulnerable to theft, greatly increasing the likelihood of exposing sensitive files. Unfortunately, storing data in a cryptographic file system does not fully address this problem. Such systems ask the user to imbue them with long-term authority ...

Keywords: cryptographic file systems, mobile computing, stackable file systems, transient authentication

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